

^C
IZe3Ii

1940

Itinerary
Annual Inspection Trip
of the
College of Engineering
University of Illinois



Urbana, Illinois

1940

C
IZe3Ii
1940

Itinerary
Annual Inspection Trip
of the
College of Engineering
University of Illinois
Urbana, Illinois
1940

THE LIBRARY OF THE
FEB 24 1943
UNIVERSITY OF ILLINOIS

CURRICULA OF THE COLLEGE OF ENGINEERING

The curricula offered by the College of Engineering at the University of Illinois includes the following:

- Agricultural Engineering
 - Options: Construction & Drainage;
Machinery & Power
 - Ceramics
 - Ceramic Engineering
 - Option in Administration
 - Civil Engineering
 - Options: General; Highway; Hydraulic;
Sanitary; Structural; City Planning
 - Electrical Engineering
 - Engineering Physics
 - General Engineering
 - Mechanical Engineering
 - Option in Petroleum
 - Metallurgical Engineering
 - Mining Engineering
 - Options: Coal; Ore; Mining Geology;
Administration
-

Graduate work leading to a Master's degree is offered in a wide variety of engineering subjects. Doctor's degrees may be earned in the major fields.

ANNUAL INSPECTION TRIP COLLEGE OF ENGINEERING UNIVERSITY OF ILLINOIS

GENERAL DIRECTIONS

Be Prompt

ALL MEMBERS of the party are required to report promptly at the appointed time and place. Instructors will call the roll at each place visited and any student absent from roll call will not be permitted to join the party until time for the next event on the itinerary. Absence from roll call is sufficient justification for the dismissal of the student from the party, and for reporting him to the proper authorities at the University.

Hotel arrangements for the party will be made in advance. Students may be permitted to make other arrangements for lodging when such request seems reasonable to the instructor in charge.

Be Courteous

Permission to visit the several places listed in the itinerary is a courtesy extended to the University which involves some expense and trouble to the management of these companies. Members of the party should be appreciative of this fact and conduct themselves properly as representatives of the University. It is particularly desirable that everyone refrain from smoking within the confines of the plants visited and that all fully observe posted regulations.

Any student who fails to conduct himself prop-

erly during the inspection trip may be dismissed from the party and denied credit for the trip.

Since the University can have no proper control over others than those in regular attendance during these trips, friends of students will not be allowed to accompany the party except by permission previously obtained from the instructor in charge. This privilege will be extended only in rare instances and when the reasons for the request seem fully sufficient.

Be Careful

While members of the faculty who are in immediate charge of these trips will make every effort to provide for the comfort and safety of the students in the party, there is, of course, some slight element of personal danger on railway trains, street cars, and in plants visited. Neither the owners of the plants visited, the University, nor members of the faculty can assume any responsibility for accidents which may occur to students during the trip. Proper care and deportment at all times will greatly reduce the possibility of accidents.

Be Observing

Inspection trips are required because it is believed that the educational advantages resulting from the inspection of large industrial enterprises fully justify the time and expense involved. To realize this ideal, however, students must use every endeavor to secure a correct impression of the places visited, an appreciation of the general nature of the plant inspected and of its product, rather than of minor details.

Each student will be required to submit an acceptable report of the trip to the head of his department or to pass an examination to determine the extent and accuracy of the information secured, at a date to be fixed by the department concerned.

Railroad and Hotel Service

The Illinois Central Railroad has authorized a special round trip rate of \$2.55 between Champaign and Chicago with certain conditions. Each student making the trip must purchase a ticket sometime between Saturday morning, November 2, and Tuesday noon, November 5. As this rate is good only when there are 150 or more on the same train, students desiring this rate should take the train at 6:10 p. m. Tuesday, November 5. It will be necessary to pay a higher rate on any other train. The return coupons will be good on any train except special fare trains leaving Chicago Friday evening, November 8, Saturday, November 9, or Sunday, November 10.

The procedure for the trip from Chicago to Milwaukee will be as follows: Tickets must be purchased at the Chicago, North Shore and Milwaukee Railroad Terminal, 223 S. Wabash Ave. before boarding the train.

The Chicago headquarters during the trip will be the Hotel Chicagoan located at 67 West Madison Street. The rates at this hotel will be as follows:

<i>No. in Room</i>	<i>No. of Beds</i>	<i>Bath</i>	<i>Daily Rate per Occupant</i>
1	1	with	\$2.00
2	1	with	1.25
3		with	1.25
4		with	1.00

Student Automobiles

The University regulations require that a student or instructor driving a car on an inspection trip must have a special permit from the University and that any students riding with him must have the authorization of their parents to do so, and also have travel accident insurance.

Absence From Class

Rule 23 of the regulations for undergraduate students applies for all absences from class just before or just after an inspection trip.

"Get-Together Dinner"

The "Get-Together Dinner" to be held at 6:00 p.m., Wednesday, November 6 in the Medinah Club, 505 North Michigan Ave., Chicago, is to allow some of the alumni to become acquainted with the present senior class. The principal speaker will be Dr. Gustav Egloff, Director of Research of the United Oil Products Company, who will speak on "Modern Fuels and Lubricants." The price will be \$1.03. Tickets are to be purchased at the Associate Dean's Office, 300 Engineering Hall in advance of the trip. Attendance is required of all who are in Chicago.

AGRICULTURAL ENGINEERING

Tuesday—November 5

- 6:10 p. m. Leave Champaign on Illinois Central Railroad for Chicago.
- 9:30 p. m. Arrive at Chicago and proceed to the Hotel Chicagoan, 67 West Madison Street.

Wednesday—November 6

- 7:30 a. m. Leave Madison and Wells Station of Chicago Rapid Transit Company on Douglas Park Branch. Leave train at Cicero Avenue station for Cicero Avenue gate of Hawthorne Works of the Western Electric Company.
- 8:30 a. m. Enter Gate No. 1 (Cicero Avenue near 24th Street) of Western Electric Company.
- Lunch at Western Electric Cafeteria at the invitation of Western Electric Company.
- 12:15 p. m. Leave Cicero Avenue Station of Chicago Rapid Transit Company for S. A. Healy Subway Construction Corporation at State Street and Eleventh Street. (Change to Jackson Park car at State and Van Buren and get off at 12th Street Station).
- 2:00 p. m. Enter tunnel to inspect subway and station construction.
- 4:30 p. m. Return to Hotel Chicagoan.
- 6:00 p. m. Get-Together Dinner at the Medinah Club, 505 North Michigan Avenue.

Thursday—November 7

- 6:00 a. m. Leave Chicago via Chicago, North Shore and Milwaukee Railroad, 223 South Wabash Avenue, for Milwaukee.
- 8:00 a. m. Leave North Shore Terminal via special street cars for Allis-Chalmers Company.
- 8:30 a. m. Visit plant of Allis-Chalmers Company.
- 12:30 p. m. Lunch at Allis-Chalmers Club House at invitation of Allis-Chalmers Company.
- 1:45 p. m. Leave by special bus for Lakeside Generating Station.
- 4:15 p. m. Leave Generating Station by special bus for Public Service Building.
- 6:30 p. m. Take special train at the Chicago, North Shore and Milwaukee Railroad Terminal, stopping to inspect substation enroute to Chicago.

Friday—November 8

- 7:15 a. m. Assemble in lobby of Hotel Chicagoan.
- 7:30 a. m. Leave by special bus for Gary, Indiana.
- 9:00 a. m. Visit the Gary Plant of the American Bridge Company.
- 11:15 a. m. Leave American Bridge Company by bus for Gary. Lunch at Gary Y.M.C.A.
- 12:15 p. m. Leave Gary Y.M.C.A. by bus for Universal Atlas Cement Mill at Bufington, Indiana.

2:15 p. m. Leave cement mill to visit Western Avenue improvement at Santa Fe R.R. and Western Avenue in Chicago.

4:30 p. m. Return to Hotel Chicagoan.

Saturday—November 9

7:45 a. m. Assemble in lobby of Hotel Chicagoan.

8:00 a. m. Leave by special bus for Wisconsin Steel Company.

9:00 a. m. Inspect Wisconsin Steel Works.

12:00 noon Leave Wisconsin Steel Works by bus for Hotel Chicagoan.

DISBAND

CERAMIC ENGINEERING

Tuesday—November 5

- 9:00 a. m. Assemble at Ceramics Building. Leave by bus for Brazil, Indiana.
- 1:00 p. m. Visit plant of the Arketex Ceramic Corporation.
- 3:00 p. m. Visit plant of the Brazil Clay Company.
- 5:00 p. m. Leave Brazil for Muncie, Indiana. Stop at Hotel Roberts, High and Howard Streets.

Wednesday—November 6

- 9:00 a. m. Visit plant of Ball Brothers Company.
- 1:00 p. m. Visit plant of Owens-Illinois Glass Company.
- 4:00 p. m. Leave Muncie for Kokomo, Indiana. Stop at Hotel Frances, Mulberry and Buckeye Streets.

Thursday—November 7

- 9:00 a. m. Visit plant of the Kokomo Sanitary Pottery Company.
- 11:30 a. m. Leave Kokomo for Peru, Indiana.
- 1:00 p. m. Visit plant of the Square D Company.
- 4:00 p. m. Leave Peru for Chicago, Illinois. Stop at Hotel Chicagoan, 67 West Madison Street.

Friday—November 8

- 7:45 a. m. Leave Hotel Chicagoan for East Chicago, Indiana.
- 9:00 a. m. Visit plant of the Harbison-Walker Refractories Company.

- 11:30 a. m. Leave East Chicago for Harvey, Illinois.
- 1:00 p. m. Visit plant of the American Stove Company, 156th Street and Commercial Avenue.
- 4:30 p. m. Return to Hotel Chicagoan.

Saturday—November 9

Morning program to be arranged

CIVIL ENGINEERING

Tuesday—November 5

- 6:10 p. m. Leave Champaign on Illinois Central Train for Chicago.
- 9:30 p. m. Arrive at Chicago and proceed to Hotel Chicagoan, 67 West Madison Street.

Wednesday—November 6

Group A

- 8:00 a. m. Assemble in lobby of Hotel Chicagoan.
- 8:15 a. m. Leave by special bus from hotel for new filtration plant under construction at 79th Street and the Lake.
- 8:45 a. m. Inspect filtration plant construction.
- 11:15 a. m. Leave filtration plant for Michigan Avenue and Wacker Drive. Lunch in the Loop.
- 12:50 p. m. Assemble at Outer Drive Bridge and the River.
- 1:00 p. m. Proceed to locks at mouth of the river and inspect same.
- 1:30 p. m. Proceed to West side of Michigan Avenue and the River.
- 2:00 p. m. Inspect Wacker Drive and Outer Drive Structures and take boat trip for inspection of movable bridges over the Chicago River. (Boat by courtesy of Mr. L. D. Gayton, City Engineer, Chicago.)
- 6:00 p. m. Get-Together Dinner at the Medinah Club, 505 North Michigan Avenue.

Group B

- 7:50 a. m. Assemble at Outer Drive Bridge and the River.
- 8:00 a. m. Proceed to locks at mouth of the river and inspect same.
- 8:30 a. m. Proceed to west side of Michigan Avenue and the River.
- 9:00 a. m. Inspect Wacker Drive and Outer Drive Structures and take boat trip for inspection of movable bridges over the Chicago River. (Boat by courtesy of Mr. L. D. Gayton, City Engineer, Chicago.)
- 12:00 noon Lunch in the Loop.
- 12:50 p. m. Assemble at South West corner of Michigan Avenue and Wacker Drive.
- 1:00 p. m. Leave by special bus for new filtration plant under construction at 79th Street and the Lake.
- 1:45 p. m. Inspect filtration plant construction.
- 4:30 p. m. Leave filtration plant construction for hotel.
- 6:00 p. m. Get-Together Dinner at the Medinah Club, 505 North Michigan Avenue.

Thursday—November 7

- 7:15 a. m. Assemble in lobby of Hotel Chicagoan.
- 7:30 a. m. Leave by special bus from the hotel for the South West Sewage Disposal Plant.
- 8:15 a. m. Visit South West Sewage Disposal Plant.
- 10:00 a. m. Leave South West Sewage Disposal Plant for McKeown Brothers Co.

- 10:15 a. m. Visit McKeown Brothers Company at 5235 South Keeler Avenue, manufacturers of timber structures.
- 11:00 a. m. Leave McKeown Brothers Company for Grade Elimination Project at 79th and Kedzie Avenue.
- 11:15 a. m. Inspect grade elimination project.
- 11:45 a. m. Leave grade elimination project.
- 12:15 p. m. Lunch in the vicinity of 79th Street and Ashland Avenue.
- 1:00 p. m. Leave the corner of 79th Street and Ashland Avenue for Wisconsin Steel Company, South Chicago.
- 1:30 p. m. Visit Wisconsin Steel Works.
- 4:15 p. m. Leave Steel Works for Hotel Chicagoan and dismiss for the day.

Friday—November 8

- 7:15 a. m. Assemble in lobby of Hotel Chicagoan.
- 7:30 a. m. Leave by special bus from the hotel for Gary, Indiana.
- 9:00 a. m. Visit the Gary Plant of the American Bridge Company.
- 11:15 a. m. Bus to Gary. Lunch at Gary Y.M.C.A.
- 12:15 p. m. Leave Gary Y.M.C.A. by bus for Universal Atlas Cement Mill at Bufington, Indiana.
- 1:00 p. m. Visit the Universal Atlas Cement Mill.
- 2:15 p. m. Leave the Cement Mill for the Western Avenue Improvement at the Santa Fe Railway and Western Avenue in Chicago.

3:45 p. m. Visit the Western Avenue Improvement.

4:30 p. m. Leave Improvement for Hotel Chicagoan and dismiss for the day.

Saturday—November 9

7:30 a. m. Assemble in lobby of Hotel Chicagoan.

7:45 a. m. Leave by special bus from the hotel.

8:15 a. m. Visit retractable curb on the Outer Drive on Chicago North Side.

8:30 a. m. Leave retractable curb.

9:15 a. m. Visit Evanston Filter Plant.

10:30 a. m. Leave Filter Plant for Bahai Temple at Wilmette, Illinois.

10:45 a. m. Visit Bahai Temple.

11:45 a. m. Leave Temple for Evanston.

12:00 noon Arrive in Evanston and disband.

ELECTRICAL ENGINEERING

Tuesday—November 5

- 6:10 p. m. Leave Champaign on Illinois Central Railroad.
- 9:30 p. m. Arrive at Chicago and proceed to Hotel Chicagoan, 67 West Madison Street.

Wednesday—November 6

- 8:00 a. m. Leave Hotel Chicagoan in special motor coaches for works of Stewart-Warner Corporation, 1826-52 Diversey Parkway.
- 8:30 a. m. Enter works of Stewart-Warner Corporation.
- 11:15 a. m. Lunch in Stewart-Warner Cafeteria.
- 12:15 p. m. Leave in special busses for works of Benjamin Electric Mfg. Company, Des Plaines.
- 4:00 p. m. Leave for Hotel.
- 6:00 p. m. Get-Together Dinner at Medinah Club, 505 North Michigan Avenue.

Thursday—November 7

- 6:00 a. m. Leave via special train on Chicago, North Shore and Milwaukee Railroad, 223 South Wabash Avenue, for Milwaukee.
- 7:50 a. m. Arrive at Milwaukee.
- 8:00 a. m. Leave North Shore Station on special street cars for works of Allis-Chalmers Company.
- 8:30 a. m. Enter works of Allis-Chalmers Company. Lunch at Allis-Chalmers Club at invitation of Allis-Chalmers Company, following inspection.

- 1:45 p. m. Leave Allis-Chalmers in special busses for Lakeside Generating Station of Wisconsin Electric Power Co.
- 4:15 p. m. Leave Lakeside Generating Station for Public Service Building.
- 6:30 p. m. Take special train at the Chicago, North Shore and Milwaukee Railroad Terminal, stopping to inspect substation enroute to Chicago.

Friday—November 8

- 7:30 a. m. Leave Madison and Wells Station of Chicago Rapid Transit Company on Douglas Park branch. Leave train at Cicero Avenue Station for Cicero Avenue gate of the Hawthorne Works of the Western Electric Company.
- 8:30 a. m. Enter gate No. 1 (Cicero Avenue near 24th Street) of Western Electric Company.
- 11:30 a. m. Lunch at Western Electric Cafeteria at invitation of Western Electric Company.
- 12:30 p. m. Leave in special busses for works of Electro-Motive Corp., La Grange.
- 5:00 p. m. Leave for Hotel.

Saturday—November 9

- 8:00 a. m. Leave Randolph Street Station of Illinois Central Railroad Company, on South Chicago train, for South Works of the Carnegie-Illinois Steel Corporation.
- 9:00 a. m. Enter works of Carnegie-Illinois Steel Corporation, 3426 East 89th Street.
- 11:00 a. m. Leave on Illinois Central train for Hotel Chicagoan and disband.

GENERAL ENGINEERING

Tuesday—November 5

- 6:10 p. m. Leave Champaign on Illinois Central Railroad for Chicago.
- 9:30 p. m. Arrive at Chicago and proceed to the Hotel Chicagoan, 67 West Madison Street.

Wednesday—November 6

- 7:30 a. m. Leave Madison and Wells Station of Chicago Rapid Transit Company on Douglas Park Branch. Leave train at Cicero Avenue station for Cicero Avenue gate of Hawthorne Works of the Western Electric Company.
- 8:30 a. m. Enter Gate No. 1 (Cicero Avenue near 24th Street) of Western Electric Company.
- Lunch at Western Electric Cafeteria at the invitation of Western Electric Company.
- 12:15 p. m. Leave Cicero Avenue Station of Chicago Rapid Transit Company for S. A. Healy Subway Construction Corporation at State Street and Eleventh Street. (Change to Jackson Park car at State and Van Buren and get off at 12th Street Station).
- 2:00 p. m. Enter tunnel to inspect subway and station construction.
- 4:30 p. m. Return to Hotel Chicagoan.
- 6:00 p. m. Get-Together Dinner at the Medinah Club, 505 North Michigan Avenue.

Thursday—November 7

- 6:00 a. m. Leave Chicago via Chicago, North Shore and Milwaukee Railroad, 223 South Wabash Avenue, for Milwaukee.
- 8:00 a. m. Leave North Shore Terminal via special street cars for Allis-Chalmers Company.
- 8:30 a. m. Visit plant of Allis-Chalmers Company.
- 12:30 p. m. Lunch at Allis-Chalmers Club House at invitation of Allis-Chalmers Company.
- 1:45 p. m. Leave by special bus for Lakeside Generating Station.
- 4:15 p. m. Leave Generating Station by special bus for Public Service Building.
- 6:30 p. m. Take special train of the Chicago, North Shore and Milwaukee Railroad Terminal, stopping to inspect substation enroute to Chicago.

Friday—November 8

- 7:15 a. m. Assemble in lobby of Hotel Chicagoan.
- 7:30 a. m. Leave by special bus for Gary, Indiana.
- 9:00 a. m. Visit the Gary Plant of the American Bridge Company.
- 11:15 a. m. Leave American Bridge Company by bus for Gary. Lunch at Gary Y.M.C.A.
- 12:15 p. m. Leave Gary Y.M.C.A. by bus for Universal Atlas Cement Mill at Bufington, Indiana.

2:15 p. m. Leave cement mill to visit Western Avenue improvement at Santa Fe R.R. and Western Avenue in Chicago.

4:30 p. m. Return to Hotel Chicagoan.

Saturday—November 9

7:45 a. m. Assemble in lobby of Hotel Chicagoan.

8:00 a. m. Leave by special bus for Wisconsin Steel Company.

9:00 a. m. Inspect Wisconsin Steel Works.

12:00 noon Leave Wisconsin Steel Works by bus for Hotel Chicagoan.

DISBAND

MECHANICAL ENGINEERING

Tuesday—November 5

- 6:10 p. m. Leave Champaign on Illinois Central train for Chicago.
- 9:30 p. m. Arrive at Chicago and proceed to Hotel Chicagoan, 67 West Madison Street.

Wednesday—November 6

- 7:35 a. m. Assemble in lobby at Hotel Chicagoan.
- 7:45 a. m. Leave Hotel Chicagoan via busses for the Western Electric Company.
- 8:30 a. m. Visit Western Electric Company.
- 11:30 a. m. Luncheon as guests of the Western Electric Company.
- 1:30 p. m. Visit Electro-Motive Corporation, La Grange.
- 5:00 p. m. Return to Hotel Chicagoan.
- 6:00 p. m. Get-Together Dinner at the Medinah Club, 505 North Michigan Avenue.

Thursday—November 7

- 7:50 a. m. Assemble in lobby of Hotel Chicagoan.
- 8:00 a. m. Leave Hotel Chicagoan via busses for the Wisconsin Steel Works.
- 9:00 a. m. Visit Wisconsin Steel Works.
- 1:15 p. m. Visit Tractor Works of International Harvester Company.
- 5:00 p. m. Return to Hotel Chicagoan.

Friday—November 8

- 6:30 a. m. Leave via Chicago, North Shore & Milwaukee Railroad, 233 South Wabash Avenue, Chicago, for Milwaukee.

- 8:30 a. m. Arrive at Milwaukee and leave station
via busses for Allis-Chalmers
Company.
- 9:00 a. m. Visit Allis-Chalmers Company.
- 12:30 p. m. Luncheon at Allis-Chalmers Club
House as guests of the Allis-Chal-
mers Company.
- 1:15 p. m. Leave Allis-Chalmers Company via
busses for Lakeside Generating
Station of the Wisconsin Electric
Power Company.
- 2:00 p. m. Visit Lakeside Generating Station.
- 5:00 p. m. Leave for Hotel Pfister.

Saturday—November 9

- 7:50 a. m. Assemble in lobby of Hotel Pfister.
- 8:00 a. m. Leave via busses for Kearney &
Trecker Plant, West Allis. .
- 8:30 a. m. Visit Kearney & Trecker Plant.
- 11:00 a. m. Leave via busses for North Shore
Station.
- 11:30 a. m. Leave for Chicago, and disband.

DEPARTMENT OF MINING AND METALLURGICAL ENGINEERING

Metallurgical Engineering

Tuesday—November 5

6:10 p. m. Entrain Illinois Central Railroad for Chicago.

9:30 p. m. Arrive at Chicago and proceed to the Hotel Chicagoan, 67 West Madison Street.

Wednesday—November 6

8:30 a. m. Leave Hotel Chicagoan and proceed via bus to International Harvester Company, 2600 W. 31st Boulevard.

9:00 a. m. Visit International Harvester Company.

11:45 a. m. Leave International Harvester Company and proceed via bus to Museum of Science and Industry, Jackson Park.

1:00 p. m. Visit Museum of Science and Industry.

4:45 p. m. Leave Museum of Science and Industry and proceed via bus to the Hotel Chicagoan.

6:00 p. m. Get-Together Dinner, at the Medinah Club, 505 North Michigan Avenue.

Thursday—November 7

7:30 a. m. Leave Hotel Chicagoan and proceed via bus to Youngstown Sheet and Tube Company, East Chicago, Indiana.

- 8:30 a. m. Visit Youngstown Sheet and Tube Company.
- 11:45 a. m. Leave Youngstown Sheet and Tube Company and proceed via bus to Carnegie-Illinois Steel Corporation, South Works, East 89th Street.
- 1:00 p. m. Visit Carnegie-Illinois Steel Corporation.
- 4:30 p. m. Return to Hotel Chicagoan via bus.

Friday—November 8

- 8:30 a. m. Leave Hotel Chicagoan and proceed via bus to H. Kramer Company, 21st and Loomis Streets.
- 9:00 a. m. Visit H. Kramer Company.
- 11:30 a. m. Leave H. Kramer Company and proceed via bus to International Smelting and Refining Company, 420 East 151st Street, East Chicago, Indiana.
- 1:00 p. m. Visit International Smelting and Refining Company.
- 4:30 p. m. Return to Hotel Chicagoan via bus.

Saturday—November 9

- 7:45 a. m. Leave Hotel Chicagoan and proceed via bus to Stewart Die Casting, 4535 Fullerton Avenue.
- 8:30 a. m. Visit Stewart Die Casting.
- 12:00 noon Return to Hotel Chicagoan via bus, and disband.

DEPARTMENT OF MINING AND METALLURGICAL ENGINEERING

Mining Engineering

Tuesday—November 5

- 6:30 a. m. Assemble at Transportation Building.
Leave by automobile for Millstadt,
Illinois.
- 10:30 a. m. Arrive at plant of Midwest Radiant
Corporation at Millstadt, Illinois.
- 12:00 noon Lunch in Millstadt, Illinois.
- 12:45 p. m. Leave Millstadt, Illinois, for Hercu-
laneum, Missouri.
- 2:00 p. m. Arrive at smelter of St. Joseph Lead
Company.
- 5:00 p. m. Leave smelter to drive to Bonne
Terre, Missouri.
- 6:00 p. m. Arrive at Bonne Terre, Missouri.
Lodging at Texaco Town Cabins.

Wednesday—November 6

- 7:30 a. m. Leave Bonne Terre to visit lead mine
of St. Joseph Lead Company near
Flat River, Missouri.
- 12:00 noon Lunch in Flat River, Missouri.
- 1:00 p. m. Leave Flat River to visit concentra-
tor of St. Joseph Lead Company.
- 3:30 p. m. Leave concentrator to drive to Ben-
ton, Illinois.
- 9:30 p. m. Arrive at Benton, Illinois.
Lodging at Mine Rescue Station by
courtesy of Department of Mines
and Minerals, State of Illinois.

Thursday—November 7

- 6:30 a. m. Leave Mine Rescue Station in Benton for Rosiclare, Illinois.
- 8:00 a. m. Arrive at Mine of Hillside Fluorspar Company at Rosiclare, Illinois.
- 12:00 noon Lunch in Rosiclare, Illinois.
- 1:00 p. m. Arrive at mill of Mahoning Mining Company, Rosiclare, Illinois.
- 2:30 p. m. Leave mill of Mahoning Mining Company for mine of same company at Cave-in Rock, Illinois.
- 5:00 p. m. Leave Cave-in Rock for Central City, Kentucky.
- 9:00 p. m. Arrive at Central City, Kentucky. Lodging at Lu Ray Hotel.

Friday—November 8

- 7:30 a. m. Leave hotel for Paradise mine of Crescent Coal Company.
- 12:30 p. m. Lunch in Central City.
- 1:30 p. m. Visit Cherry Hill mine of Louisville Gas and Electric Company.
- 4:00 p. m. Leave Central City, Kentucky, for Evansville, Indiana.
Lodging at Vendome Hotel.

Saturday—November 9

- 7:30 a. m. Leave hotel for Dickeyville, Indiana.
- 8:30 a. m. Visit strip coal mine of Tecumseh Coal Corporation.
- 11:30 a. m. Lunch.
- 12:30 p. m. Visit coal preparation plant of Tecumseh Coal Corporation.
- 2:30 p. m. Leave mine for Urbana, Illinois.
- 6:30 p. m. Arrive at Urbana, Illinois. Disband.

DEPARTMENT OF AGRICULTURAL ENGINEERING

Faculty

Professor C. H. Springer
Mr. A. A. Brielmaier

Seniors

Crandell, J. P.
Melvin, L. G.

Sutton, R. L.
Thomas, D. R.

DEPARTMENT OF CERAMIC ENGINEERING

Faculty

Prof. R. K. Hursh
Prof. A. I. Andrews
Mr. C. G. Harman

Seniors

Bailey, F.	Newkirk, T. F.
Bertram, R. C.	Novy, O. R.
Bruce, B. D.	Palmer, J. D.
Brown, D. P.	Pelz, R. W.
Buchholz, E. R.	Pinnow, H. R.
Drake, P. F.	Puntney, L. E.
Fellows, W. H.	Rein, P.
Fitzpatrick, W. D.	Rough, R. R.
Friedberg, A. L.	Ruthenberg, R. R.
Huber, T. M.	Smith, J. F.
Isenson, R. S.	Sontz, A.
Jones, J. W.	Stoneburner, J. L.
Kimpel, R. F.	Thomas, E. A.
Klane, F.	Thornton, R. A.
Lepp, J. M.	Van Etten, C. L.
Lilienthal, A. F.	Whitfield, R. E.
Lillie, D. F.	Willmore, T.
Mohr, W. C.	Wilt, J. F.
Nelson, J. A.	Zschoche, W. F.
Nelson, M. E.	

DEPARTMENT OF CIVIL ENGINEERING

Faculty

Prof. H. E. Babbitt	Prof. Jamison Vawter
Prof. G. W. Pickels	Prof. Wm. A. Oliver

Graduate Student

D. E. Dreier

Seniors

Abrams, Michael M.	Lampitt, Edwin A.
Babich, Milan	Lively, Tom
Baird, Harold N.	Malkin, Leo
Bills, William	Melby, Glenn
Brown, S. F.	Miller, Robert L.
Busse, Wilbut E.	Montooth, M. R.
Butcher, Harry F.	Muir, Logan N., Jr.
Clack, Grover T.	Mulford, James E.
Compton, K. L.	Murray, J. R.
DuBois, E. L.	Numrich, W. F.
Evans, Karl H.	Odum, Rannie L.
Farley, Wayne A.	Pathman, W. J.
Hamm, Jack K.	Perkins, Geo. A.
Harmeson, Robert H.	Pershing, Jack
Hlavek, Robert F.	Plail, Karl G.
Hochberg, M.	Ray, Gordon K.
Hyson, Wilbert	Reed, Marion D.
Janda, Benjamin	Schaaf, Valmer A.
Jenicek, Paul W.	Schliessmann, D. J.
Johnson, O. L.	Schwark, Howard E.
Julian, C. E.	Scully, Joseph
Kingdon, C. L.	Shay, George R.
Kleinpaste, Wm.	Simonds, Eugene T.
Knetsch, Stanley W.	Sosnowski, Chester E.
Knight, Mark G.	Sperry, Wm. C.
Kroening, H. Frank	Stone, Arthur
Kurlak, Peter	Strandberg, Arnold

Spiers, Alfred M.
Smith, Clarence H.
Thorson, Gordon E.
Tippit, John T.

Veerman, Marvin E.
Williams, Robert L.
Wolf, Walter
Zeman, Joseph M.

DEPARTMENT OF ELECTRICAL ENGINEERING

Faculty

Prof. E. A. Reid
Prof. C. A. Keener

Prof. H. A. Brown
Mr. H. W. Horn

Seniors

Adams, J. L.
Berger, O. R.
Bobisuthi, R. B.
Butterfield, F. E.
Carson, C. J.
Chamberlain, J. L.
Cuttill, W. E.
Damaske, C. T.
Dannevik, H. W.
Drish, J. W.
Fanyo, W. R.
Fickie, W. F.
Frischauf, S. H.
Geisen, H.
Gratian, J. W.
Haley, M. L.
Hang, D. F.
Hirsch, L. J.
Hodges, H. T.
Janos, A. G.
Jezewicz, M. J.
Johnson, A. R.
Johnson, L. H.
Kaelin, J. A.
Kirkpatrick, G. M.
Korona, F. S.
Kouzmanoff, N.
Kuehn, R. E.
Licwinko, L. S.
Lorenz, W. S.

Marriett, F. J.
McArthur, G. L.
McMahill, V. W.
Meneley, C. A.
Morrill, C. D.
Morris, J. P.
Nelson, D. E.
Olson, P. J.
Pittman, T. M.
Plunkett, H. L.
Reid, W. J.
Ruffner, G. J.
Schiff, G. W.
Schmidt, R. B.
Schmitz, K. L.
Schutz, G.
Shamis, R. J.
Shulman, A.
Silverman, D.
Simmons, J. L.
Smith, R. J.
Smoot, W. L.
Stiles, R. C.
Tideman, R.
Towner, C. N.
Tudor, E. C.
Vahle, J.
Welbourne, W. W.
Witort, W. W.
Wycoff, D. C.

DEPARTMENT OF GENERAL ENGINEERING

Faculty

Prof. C. H. Springer

Mr. A. A. Brielmaier

Seniors

Berge, L. C.
Conard, A. B., Jr.
Darling, W. N., Jr.
Fraas, Robert
Givler, R. N.
Hanley, B. C.
Huffman, L. S.
Huggins, H. D.
Ireland, H. O.
Kennedy, J. J.
Koehler, D. C.

Kramer, W. R.
Lawrence, J. W.
Mast, K. E.
O'Malley, R. P.
Posey, T. J.
Reising, R. K.
Schovanec, A. J.
Sollami, P. J.
Staben, M. E.
Weber, F. A.
Wilcox, D. S.

DEPARTMENT OF MECHANICAL ENGINEERING

Faculty

Prof. C. H. Casberg	Prof. P. E. Mohn
Prof. J. R. Fellows	Prof. F. H. Thomas
Prof. C. W. Ham	Mr. K. J. Trigger
Mr. W. E. Compton	

Seniors

Andrews, R. M.	Edmunds, Robert
Ashwood, P. L.	Ehorn, W. F.
Austin, K. S.	Ellsworth, J. K.
Badgley, D. N.	Elvidge, Glenn
Bailey, William	Elwood, C. D.
Barnhart, D. H.	Feaster, D. J.
Barth, R. C.	Forman, G. W.
Benziger, R.	Forss, A. J.
Bilhorn, E. W.	Fotre, R. H.
Bockrath, P. U.	Frysinger, V. G.
Brown, H. S.	Gail, Stewart
Brucker, L. A.	Gardner, J. R.
Bundy, L.	Garver, O. W.
Burstadt, E. W.	Gerdes, W. R.
Bush, A. O.	Gerler, W. C.
Carney, J. R.	Grooss, Frank
Carstens, Bernard	Hardacre, D. E.
Cesaletti, Raymond	Hargitt, G. H. Jr.
Chambers, C. R.	Harper, C. E.
Chavez, C. D.	Hartman, D. M.
Chittler, L. M.	Hering, Henry
Coates, H. W.	Hlinsky, E. J.
Cocagne, A. C.	Hoagland, E. J.
Collier, R. H.	Hochmuth, F. W.
Cooley, C. M.	Hodge, R. W.
Cuthbert, W. L.	Hood, H.
Dale, Paul	Jackson, T. W.
Delich, Michael	Jeschke, Elmer

Johnson, R. A.
Johnson, R. V.
Kalisz, W. J.
Kapka, W. D.
Kiick, Charles
Knobloch, E. C.
Kopetz, W. H.
Kreitzer, Arthur
Krizek, R. J.
Kroll, Joseph
Levine, R. E.
Leming, J. C.
Littleton, R. S.
McCartney, H. J.
McCarthy, R. H.
McClain, L. R.
McCreary, R. M.
McKelvey, R. W.
Maki, E. E.
Martin, L. L.
Matt, P. G. Jr.
Matthews, R. W.
Mercer, C. H.
Milbourne, W. M.
Mitchell, D. F.
Nary, W. R.
Nelson, R. E.
Nelson, W. R.
Nielsen, K. E.
Novikas, C. R.

Novotny, E. G.
Nyquist, J. D.
Olson, B. R.
Pearl, D. R.
Peasley, Kenneth
Pinkerton, H. H.
Pogue, R. B.
Raistrick, G. W.
Reinhardt, R. G.
Rice, J. M.
Rump, H. W.
Sampson, Harold
Schaffer, L. E.
Schmidt, H. A.
Segal, A.
Simmon, P. C.
Smith, L. E.
Sola, S. L.
Starman, E. J.
Stein, R. A.
Stevens, C. V.
Sweningsen, C. A.
Tuman, Casimer
Weaver, Warren
Williams, M. P.
Williams, R. E.
Wilson, R. M.
Woelfel, R. F.
Zalokar, E. C.

DEPARTMENT OF MINING AND METALLURGICAL ENGINEERING

Metallurgical Engineering

Faculty

Prof. H. L. Walker

Mr. E. J. Eckel

Seniors

Baldwin, Allen
Carmody, T. P.
Craig, W. J.
Crews, D. L.
Czyzewski, Harry
Daly, J. J., Jr.
Doremus, G. E.
Eriksen, Reidar
Foster, J. E.
Francis, Alfred
Furkert, Paul
Gippert, LeR. E.
Hailey, R. W.
Heckman, G. R.
Hoff, W. A.

Jaeger, R. O.
Landeck, L. W.
Lange, J. F.
Hino, J.
Lauck, E. C.
Kilimnik, Walter
McGinnis, W. L.
Martin, S. S.
Mullane, J. C.
Murphy, M. E.
Reynolds, R. W.
Riggs, T. J.
Seligman, M.
Ubben, J. E.

Mining Engineering

Faculty

Professor H. P. Nicholson

Seniors

Anderson, D. L.
Brookhart, C. E.
Cohlmeyer, S. H.

Hamilton, C. A.
Jones, J. E.
Keslowski, N.

THE LIBRARY OF THE

FEB 24 1942

UNIVERSITY OF ILLINOIS

UNIVERSITY OF ILLINOIS-URBANA



3 0112 105730201